

## **Region 3 GPRA Baseline RCRA Corrective Action Facility**

# **Safety-Kleen Systems, Inc.**

**Chester Service Center  
1200 W. Hundred Road  
Chester, Va 23831  
Congressional District 4  
EPA ID #: VAD 981043011  
Last Updated July 1, 2005**

## **Current RCRA CA Activities**

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On October 2, 1998, Safety-Kleen completed the connection of a private residence to the Chesterfield County public water supply, and disabled the residential well. Drinking water samples collected from this residential well were found to contain the same volatile organic compounds that were also found in Safety-Kleen's two groundwater monitoring wells. In mid-July 1998, Safety-Kleen installed two new groundwater monitoring wells in an attempt to confirm the direction of the groundwater flow. Three rounds of groundwater monitoring well samples were taken and analyzed (7/98, 1/99, 7/99). After reviewing the analytical results of groundwater samples collected during nine (9) sampling events, a downward trend in the concentration of the two (2) contaminants of concern, tetrachloroethene and 1,1-dichloroethene, is evident. By 8/22/02, when the wells at the site were last sampled, two wells and a piezometer remain functioning at the site. The downward trend in tetrachloroethene and 1,1-dichloroethene has been maintained at the site through the 8/22/02 event. The facility has agreed to conduct additional groundwater sampling at mutually agreed upon locations to fill the data gap for former UST sites. The facility is required to submit bimonthly progress reports under the Corrective Action portion of operating permit issued by DEQ on September 9, 2002.

## **Site Description**

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Located in Chester, Virginia, the approximate 9.34 acre Safety-Kleen, Chester Service Center was purchased from a petroleum supplier in the early 1980s. Since that time, the Service Center has been providing solvent distribution, collection and reclamation services to companies primarily engaged in automobile repair, industrial maintenance, photo processing and dry cleaning. The Service Center, which is located approximately 1.5 miles south of James River, is located in a suburban setting, bordered by community and general business (zoned), along with residential areas.

## RCRA CA Milestones

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Safety-Kleen, Chester obtained a HSWA Corrective action permit from EPA. Following are Milestones achieved so far:

MILESTONE	DATE
RFA	January, 1990
RFI WORKPLAN APPROVED	04/13/92
RFI APPROVED	04/29/93
CMS WORKPLAN APPROVED	08/03/92

## Environmental Indicator Status

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Under the Government Performance and Results Act (GPRA), EPA has set national goals to address high priority RCRA Corrective Action facilities by the year 2005. EPA is evaluating two key indicators for each facility: Current Human Exposures Under Control and Migration of Contaminated Groundwater Under Control. This facility is one of EPA Region III's high priority facilities and falls under this initiative. As of 6/22/04, the current evaluation of Environmental Indicators for this facility is as follows:

- *Human Exposures Controlled Determination:* YES. Please refer to form CA725 from September 2003 for more details.
- *Release to Groundwater Controlled Determination:* YES. Please refer to form CA750 from September 2003 for more details.

## Contaminants

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Soils and Subsoils	Mineral Spirit
Groundwater	1,1 dichloroethene; tetrachloroethene

## Institutional Controls

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Private water supply wells have been tested and public water has been supplied to one home.

# Community Involvement

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Mr. Denis D. Capor, an inspector with the Chesterfield County Health Department, provided the following services for EPA:

1. Confirmed the existence of four residential drinking water wells in close proximity to the Chester Service Center.
2. Obtained permission to collect drinking water samples from the owners of these four residential wells.
3. Acted as an escort for the EPA sampling team when the drinking water samples were collected and
4. Agreed to explain the analytical results for the drinking water samples to the owners of the four residential wells.

This activity was a success in huge part to Mr. Capor's efforts.

Document Repository:

Chesterfield County Health Department  
P.O.Box 100  
Chesterfield, VA 23832  
Contact: Dr. William Nelson  
Phone: (804) 748-1691

# Government Contacts

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The Commonwealth of Virginia has the lead authority for this project. Please contact the state project manager listed below for details on this project or the contents of this fact sheet.

DEQ Contact:

Mr. Kurt Stafford  
Virginia Department of Environmental Quality  
629 East main Street  
Richmond, VA 23219  
Phone: (804) 698-4005  
Email: [kastafford@deq.virginia.gov](mailto:kastafford@deq.virginia.gov)

EPA Contact: Mr. Mike Jacobi – 3WC23  
U.S. EPA Region III  
1650 Arch Street  
Philadelphia, PA 19103-2029  
Phone: (215) 814-3435

Email: [jacobi.mike@epa.gov](mailto:jacobi.mike@epa.gov)

For more information on EPA's Corrective Action program, including Environmental Indicators, please visit our web site at: [www.epa.gov/reg3wcmd/correctiveaction.htm](http://www.epa.gov/reg3wcmd/correctiveaction.htm).

## **Facility Contact**

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Ms. Terri L. Cowans  
Manager Environmental Affairs  
Safety Kleen Corporation  
3358 Glade Creek Blvd., Suite #18  
Roanoke, Virginia 24012

## **Factsheet Updates**

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The previous factsheet was updated in December 2004. The next update is scheduled for December 2005. Previous factsheets may be obtained through the listed contacts.